

Claims

1. A method of providing information about digital rights management features in
5 relation to an electronic communication device comprising the steps of:
- in a content providing device (16) providing a downloadable content (42) for a particular user of the communication device (10),
 - providing information about digital rights management such as a rights object (RO) 40,
 - 10 -providing a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management and
 - binding the content (42) to the user by means of information in the constraint (43), or
 - binding automatically the information about digital rights management, such as binding content (42) to the user, such that the content provider can ensure that content only can
15 be used by the intended user.
2. The method according to claim 1, comprising the step of:
- providing the constraint (43) to be treated and enforced as an integrated part of the digital rights management information.
 - 20
3. The method according to claim 1 or 2, wherein the constraint (43) is bound in the content providing device (16).
4. The method according to claim 1 or 2, wherein the constraint (43) is bound
25 automatically in the communication device (10).
5. The method according to claim 4, wherein the right object (RO) is bound to a personal identification module, such as a SIM or USIM, when the right object (RO) first arrives in the communication device (10).
30
6. The method according to claim 1, wherein the right object (RO) is always bound to the SIM.
7. A method of generating rights objects (40) for provision to an electronic
35 communication device (10) comprising the steps of:
- in a content providing unit (16),
 - receiving a request for content (35),

-generating a rights object (40) for the content, said rights object (40) comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management and

5 -binding the content (42) to the user by means of information in the constraint (43) such that the content provider can ensure that content only can be used by the intended user.

8. The method according to claim 1 or 7, wherein the rights object (40) is bound to a group of SIMs.

10 9. The method according to claim 8, wherein wild card character(s) is/are used to denote IMSI values.

10. Electronic communication device for communication with a content provider providing a downloadable content (42) for a particular user of the communication device (10) and
15 comprising:

-a digital rights management control unit (22) arranged to provide a digital rights management scheme associated with the phone,

-a media content store (24), and

20 -an application unit (26) connected to the media content store (24) for the user of the device (10) to be able to use content that has been downloaded to the media content store (24), wherein the digital rights management control unit (22) is arranged to use a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management that is bound to the
25 downloadable content (42), such that the content provider can ensure that content only can be used by the intended user.

11. Electronic communication device according to claim 10, wherein the digital rights management control unit (22) is arranged to use a constraint (43) that has been bound
30 to a right object (40) in the content providing unit (16) .

12. Electronic communication device according to claim 10, wherein the digital rights management control unit (22) is arranged to use a constraint (43) that has been automatically bound to a rights object (40) in the device (10) itself.

35

13. Electronic communication device according to claim 12, wherein the rights object (40) is arranged to be bound to the SIM even if not indicated by the constraint (43).

14. Electronic communication device according to claim 13, wherein it is a portable communication device.

15. Electronic communication device according to claim 14, wherein it is a mobile phone.

5

16. Content providing device for generating rights objects to electronic communication devices and arranged to:

from an electronic communication device (10),

-receive a request for content (35), and

10 -generate a rights object (40) for the content, said rights object (40) comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management, such that the content provider can ensure that content only can be used by the intended user.

15 17. System for managing digital rights management features in relation to an electronic communication device comprising:

an electronic communication device (10) for communication with a content providing unit (16) and comprising:

-a digital rights management control unit (22) arranged to provide

20 a digital rights management scheme associated with the device (10),

-a media content store (24), and

-an application unit (26) connected to the media content store (24) for the user of the device (10) to be able to use content that has been downloaded to the media content

25 store (24), wherein the digital rights management control unit (22) is arranged to use a constraint (43) defining in what way the particular user is allowed to use the content (42)

related to the information about digital rights management that is bound to the

downloadable content (42) a right object (RO), and

a content providing device (16) for generating rights objects (40) to electronic communication devices (10) and arranged to:

30 from the electronic communication device (10),

-receive a request for content (35), and

-generate a rights object (40) for the content, said rights object (40) comprising a constraint (43) defining in what way the particular user is allowed to use the content (42)

related to the information about digital rights management, such that the content

35 provider can ensure that content only can be used by the intended user.

18. Computer program product for providing information about digital rights management features in relation to an electronic communication device (10) comprising a computer readable medium having thereon:

computer program code means, to make the electronic communication device execute, when said program is loaded in the electronic communication device (10):

-transmit a request for content (35) to a content providing device (16), to
-generate a rights object (40) for the content, said rights object comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights, such that the content provider can ensure that content only can be used by the intended user.

19. Computer program product for generating rights objects for provision of an electronic communication device (10), having:

computer program code means, to make a computer execute, when said program element is loaded in the computer:

-generate a rights object (40) for the content, said rights object comprising a constraint (43) defining in what way the particular user is allowed to use the content (42) related to the information about digital rights management, such that the content provider can ensure that content only can be used by the intended user.